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insert--(SEQ ID NO:127)--; in column 5, row 5, immediately following "890=WT", insert--(SEQ ID NO:131)--; in column 5, row 5 immediately following "891=mut", insert--(SEQ ID NO:132)--; and in Table 8, on page 75, immediately following "448", insert--(SEQ ID NO:138)--; and immediately following "467", insert--(SEQ ID NO:2)--.

Please substitute the enclosed paper copy of the Sequence Listing, pp. 76-164u, at the end of the specification but prior to the claims.

IN THE CLAIMS:

Please cancel claims 25 and 72.

C<sup>2</sup>

24 (twice amended). ~~A substantially pure mammalian E5-1 protein[, functional fragment or variant thereof, or a mutein thereof].~~

C<sup>3</sup> Sub D<sup>1</sup>

71 (thrice amended). The protein of claim [24] 77, wherein said protein is [an E5-1 mutein or a functionally conservative variant thereof] a mutant E5-1 protein comprising the amino acid sequence shown in SEQ ID NO:138 but having at least one amino acid substitution therein.

73 (amended). The protein of claim [25] 77, comprising the amino acid sequence [defined] shown in SEQ ID NO:138.

C<sup>4</sup>

74 (amended). The protein of claim 71, wherein said [E5-1 mutein or functional variant] mutant E5-1 protein has an amino acid substitution at position 141 and/or position 239 of SEQ ID NO:138.

75 (amended). The protein of claim 74 [which has Ile residue at said position 141] in which the Asn residue at position 141 is substituted by Ile.